

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 60556 Service: DTV Call WQHS-DT Channel: 36 (UHF)

ID:

Sign:

File **0000028218**

Number:

FRN: **0003771052** Date **02/22**

Submitted: /2021

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicar Type
UNIVISION CLEVELAND LLC Doing Business As: UNIVISION CLEVELAND LLC	5999 CENTER DRIVE LOS ANGELES, CA 90045 United States	+1 (310) 348-3600	CWOOD@UNIVISION. NET	Limited Liability Compan

Reimbursement Contact Name and Information Reimbursement

Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Theodore Stoner VP Distribution Technology Strategy Univision Communications Inc	Theodore Stoner 9405 NW 41st Street Miami, FL 33178 United States	+1 (513) 608- 0308	tstoner@univision. net

Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	Install new antenna in aperture occupied by retired analog antenna, replace waveguide with coax line, replace alternate-main transmitters and mask filters, remove obsolete equipment; see attached Implementation Plan for details.

Transmitters

5	Section	Question	Response
	Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	T644KA
	Year	2002
	Туре	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	25 kW

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	Ignore, please remove
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	0 kW
	Justification for New Transmitter	Please ignore or remove this transmitter category

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
		·

	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Other Transmitter Cost Not Listed

Information not provided.

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	TK644KA
	Year	2002
	Туре	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	25 kW

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	THU9-24 Evo
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	37 kW
	Justification for New Transmitter	No service or support available for Italian transmitter; see attached IOT Replacment Analysis document.

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Other Electrical Service	Yes

	Description	480:400V step down transformer, secondary distribution panel, primary AC conduit /wiring to transmitter cabinets, conduit/wiring to ancillary equipment.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Other Transmitter Cost Not Listed

Name	Description
Concrete Pad	Concrete Pad Addition
Primary Transmitter - Installation	Primary Transmitter - Installation
Drain Pan Fabrication and Installation	Fabrication and installation of drain pan installed above new transmitter to prevent HVAC system from leaking water onto transmitter.

Ice Guard Extension	Additional Ice Guarding installed above heat
	exchangers

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	Slotted Coaxia
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	525.0 kW
	Manufacturer	
		1

Model	ATW24HS3- ESOC-34H
Year	2002

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	Slotted Coaxia
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	780.0 kW
	Manufacturer	
	Model	SAA23-WQHS E400-ET6R-36
	Year	2018

Justification for New Antenna	Existing single-channel
	antenna is not
	capable of
	operation on
	post auction
	channel.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared	Do you need a Combiner for a Shared Antenna?	
Antenna	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter/switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channe
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission	Type of change	Purchase New
Line Description	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	
Line Manufacturer and Type	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1065 feet per

Primary Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line	Use	Primary (Main)
Costs	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1120 feet per run
	Justification for New Transmission Line	Maintain continuity of operation throughout cutover process; channel is below cutoff frequency of existing rigid to tower top; rigid removal needed to reduce tower structural loading.

Primary Transmission Line

Other Transmission Line Expenses Not Listed

n _{Na}	me	Description
Tra	ansmission Line - Nitrogen	Transmission Line - Nitrogen

Tower Equipment And Rigging Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower	Type of change	Modify Existing
Description	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1012992
coordinates (NAD83 (Latitude (NAD83)	41° 22' 58.0" N
1983))	Longitude (NAD83)	081° 42' 06.0" W-
	Overall Structure Height	1029.84 feet
	Support Structure Height	981.62 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1019.02 feet
	Structure Type	TOWER - Free Standing or Guyed Structu

Tower Owner	Univision Television Group, Inc.
Date Constructed	09/03/1980

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

Facility ID	Call Sign	Service
28525	WDOK	FM

Other Types of Users

Users	
WLFM-LP	
W224CD	

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcement needed

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Tower - Other Expenses - Line and Antenna Decommission	Tower - Other Expenses - Line and Antenna Decommission
Tower - Other Expenses - Retension Guy Wires	Tower - Other Expenses - Retension Guy Wire

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	915
	Explanation	Univision stations are only staffed for daily station operations and minor equipment changes, majo projects are contracted out externally. The large volume of work associated with repack schedule requires using external project management resources.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A

	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A

Justification	N/A
---------------	-----

Other Professional Services Expenses Not Listed

Outside
Professional Information not provided.
Services
Costs

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	No

Other Expenses

Other Expenses Not Listed

Name	Description

Displaced FM Station Antenna	Rental FM antenna for displaced FM station during WQHS repack.
Internal Labor	Internal Univision Labor directly associated with Repack

Cost Information

Transmitters

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual
Primary Transmitter Ignore, please remove	\$0.00	\$0.00		\$0
UHF - Air Cooled Solid State Transmitter 0 kW	\$0.00	\$0.00	PLEASE IGNORE OR REMOVE THIS DUPLICATED TRANSMITTER CATEGORY	N
Primary Transmitter THU9-24 Evo	\$1,626,579.80	\$1,151,260.70		\$1,125
Drain Pan Fabrication and Installation	\$1,679.00	\$1,679.00	Please see attached Space Comfort Drain Pan Proposal Dated April 23 2019	\$1,6
Concrete Pad	\$2,650.00	\$2,650.00	per London Road Electric Co. Proposal	\$2,6
Primary Transmitter - Installation	\$5,950.80	\$5,950.80	Please see Rohde & Schwarz quote 160958.0, plus actual tax on invoice 9500109833, plus feedback from the FCC	\$55
Ice Guard Extension	\$8,300.00	\$8,300.00	Please see attached London Road Electric Proposal for Ice Guard	\$8,3

Other Electrical	\$135,000.00	\$135,000.00	See attached Electrical Distribution Cost document. Justifying Quote -	\$135,
Service:			WQHS London Electric tx install	
480:400V			WQI IS EUIUUII Electric IX IIIstaii	
step-down				
transformer,				
secondary				
distribution				
panel,				
primary AC				
conduit				
/wiring to				
transmitter				
cabinets,				
conduit				
/wiring to				
ancillary				
equipment.				
UHF -	\$1,473,000.00	\$997,680.90	Per	\$977,
Liquid			Estimated_Cost_Justification_WQHS-	
Cooled			DT-1st_Primary_Transmitter-	
Solid State			UHF_Liquid_Cooled_Solid_State_21-	
Transmitter			31_kW_v1	
35 - 50 kW				
Sub-total	\$1,626,579.80	\$1,151,260.70	N/A	\$1,125
Total for all systems	\$2,920,343.29	\$2,151,477.50	N/A	\$1,982

Components

Actual Information Description	File Name	
UHF - Air Cooled Solid State Transmitter 0 kW	Information not provided.	
Drain Pan Fabrication and Installation	Component Description: Amount:	Drain Pan \$1,679.00
Concrete Pad	Component Description: Amount:	Concrete Pad \$2,650.00

	Component Description: Amount:	Install \$550.80
Ice Guard Extension		
	Component Description:	Per our proposal
		dated: July 25, 2019
	Amount:	\$8,300.00
Other Electrical Service: 480:		
400V step-down transformer,	Component Description:	Labor and material
secondary distribution panel, primary AC conduit/wiring to		billing for the
transmitter cabinets, conduit		electrical work
/wiring to ancillary equipment.	Amount:	\$135,000.00
	Component Description:	Other Electric
	Compension Description	Services
	I and the second	

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW

Component Description: INSTALL

9027.5298.02

Amount: \$550.80

Component Description: Invoice moved to

correct budget category.

Amount: N/A

Amount:

Component Description: WQHS 1st Primary

Transmitter \$282,634.92

Component Description: WQHS Parma, Ohio

Amount: \$16,804.91

Component Description: THU9-24 with active

reserve

Amount: \$329,740.74

Component Description: Demo- 50% Deposit

Amount: \$16,804.91

Component Description: DP

Amount: \$331,731.65

Cost Information

Antennas

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos
Primary Antenna SAA23-WQHS- E400-ET6R-36	\$308,530.00	\$195,387.50		\$183,687.50	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,250.00	N/A	\$6,250.00	N/A
UHF - High Power Top Mount (200- 1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$177,437.50	Please see attached RFS Quote 20062716	\$177,437.50	N/A
Sub-total	\$308,530.00	\$195,387.50	N/A	\$183,687.50	N/A
Total for all systems	\$2,920,343.29	\$2,151,477.50	N/A	\$1,982,040.74	N/A

Components

Actual Information Description	File Name
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.

	Component Description:	WQHS-DT-210-
	Component Bocomption.	Primary Antenna -
		Sweep Test
	Amount:	\$3,125.00
	Component Description:	WQHS-DT-210-
		Primary Antenna -
		Sweep Test
	Amount:	\$3,125.00
UHF - High Power Top Mount		
(200-1000 kW), One station	Component Description:	top mounted,
antenna, elliptically or circularly		elliptically polarized,
polarized		Channel 36 RF Star
		Series antenna with
	Amount:	\$72,437.50
	Component Description:	WQHS- SAA23-
		WQHS-E400-ET6R-
		36- 30%
	Amount:	\$52,500.00
	Component Description:	WQHS Antenna-
	Compension Dood iphoni	SAA23-WQHS-E400
		ET6R-36- 30%
	Amount:	\$52,500.00

Cost Information

Transmission Line

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos
Primary Transmission Line	\$226,552.31	\$190,312.31		\$152,603.57	
Transmission Line - Nitrogen	\$312.31	\$312.31	Please see WQHS-DT Transmission Line - Nitrogen Budget Revision Justification Letter	\$312.30	N/A
Rigid Transmission Line - copper, 6 1/8"	\$226,240.00	\$190,000.00	N/A	\$152,291.27	N/A
Sub-total	\$226,552.31	\$190,312.31	N/A	\$152,603.57	N/A
Total for all systems	\$2,920,343.29	\$2,151,477.50	N/A	\$1,982,040.74	N/A

Components

Actual Information Description File Name

Transmission Line - Nitrogen

Component Description: Invoice to be removed

from LMS

Amount: N/A

Component Description: Rent Cyl Ind Large

Nitrogen

Amount: \$96.72

Component Description: Nitrogen Industrial 200

CGA

Amount: \$174.78

Component Description: Invoice to be removed

from LMS

Amount: N/A

Component Description: Invoice to be removed

from LMS

Amount: N/A

Component Description: Rent Cyl Ind Large

Nitrogen

Amount: \$40.80

Rigid Transmission Line - copper, 6 1/8"

Component Description: 50% payment with

order

Amount: \$60,167.62

Component Description: 6 1/8" 75 OHM

ALUMINUM LINE 20'

Amount: \$3,160.51

Component Description: TRANSMISSION LINE

LAYOUT AND DESIGN

Amount: \$60,596.94

Component Description: 6-1/8" 75 OHM

ALUMINUM LINE TO

60"

Amount: \$5,074.25

Component Description: Provide fork lift & Labor

to off-load equipment

on site.

Amount: \$3,500.00

Component Description: 6-1/8" UNEQUAL

ELBOW ALUMINUM

Amount: \$4,879.17

Component Description: OHM ALUMINIUM

SYSTEM

Amount: \$11,057.23

Component Description: FREIGHT COST

Amount: \$226.63

Component Description: T/L 6-50 EIA LENGTH

UP TO 5' FIXED FLG 1

END

Amount: \$3,628.92

Cost Information

Tower Equipment and Rigging Costs

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Co
Primary Tower TOWER	\$505,350.00	\$333,661.62		\$292,244.95	
Tall Tower (greater than 500')	\$210,500.00	\$203,386.78	per WQHS- DT-410- Existing Primary Tower - Tall Tower - Tower Rigging and Equipment Verified Budget Increase Justification v0	\$203,386.78	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$749.84	The tower passed its structural and will not need modifications	\$749.84	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$5,275.00	please see Estimated Cost Justification WQHS-DT- 410-Existing Primary Tower - Structural Engineering Load Study V0	\$5,275.00	N/A
Tower - Other Expenses - Retension Guy Wires	\$9,850.00	\$9,850.00	Please see Northeast Towers quotation dated 09-10- 2020	\$6,566.66	N/A

\$114,400.00	\$114,400.00	Please see	\$76,266.67	N/A
		Northeast		
		Towers		
		quotation		
		dated 09-10-		
		2020,		
		excluding line		
		item 4 -		
		decommission		
		of misc		
		antenna and		
		mounts		
\$505.350.00	\$333.661.62	N/A	\$292.244.95	N/A
Ψοσο,σσσ.σσ	Ψοσο,σοτίσε		Ψ202,2 1 1100	1 4/7 (
\$2,920,343.29	\$2,151,477.50	N/A	\$1,982,040.74	N/A
	\$505,350.00	\$505,350.00 \$333,661.62	Northeast Towers quotation dated 09-10- 2020, excluding line item 4 - decommission of misc antenna and mounts \$505,350.00 \$333,661.62 N/A	Northeast Towers quotation dated 09-10- 2020, excluding line item 4 - decommission of misc antenna and mounts \$505,350.00 \$333,661.62 N/A \$292,244.95

Components

|--|

Tall Tower (greater than 500')	Component Description:	1/2" x 2-7/8" SS U-
		bolts, nuts, FW, LW; field technician
	Amount:	\$8,050.40
	Component Description:	Dozer fee and Geotechnical Survey and Report
	Amount:	\$6,800.00
	Component Description:	Downpayment for installing and removing lines and antennas as part of repack from Channe 34 to Channel 36
	Amount:	\$92,100.00
	Component Description:	Tower Rigging for installing and removing lines and antennas as part of repack from Channe 34 to Channel 36
	Amount:	\$96,436.38
Minor tower reinforcement		
modifications	Component Description:	SSAC SCR9L Alarm Relay for LED Obstruction Light
	Amount:	\$749.84

Structural engineering tower load study for well documented tower	Component Description: Amount:	Structural Analysis of an Existing Tower \$2,250.00
	Component Description: Amount:	Broadcast Tower Structural Analysis \$2,250.00
	Component Description:	8161 - Broadcast Tower Structural Analysis
	Amount:	\$500.00
	Component Description: Amount:	8300 - PE Letter \$275.00
Tower - Other Expenses - Retension Guy Wires	Component Description:	WQHS-DT-410- Existing Primary Tower - Retension
	Amount:	Guy Wires \$3,283.33
	Component Description:	WQHS-DT-410- Existing Primary Tower - Retension
	Amount:	Guy Wires \$3,283.33
Tower - Other Expenses - Line and Antenna Decommission	Component Description: Amount:	Third due when crew arrives on site \$38,133.33
	Component Description:	1/3 Deposit due with
	Amount:	signed SOW \$38,133.34

Cost Information

Outside Professional Services

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual C
Outside Professional Services	\$171,130.00	\$201,829.19		\$185,400.24	
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$724.50	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$724.50	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Project management of the transition	\$144,570.00	\$182,184.69	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$182,184.69	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$2,500.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,125.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,170.00	N/A	\$1,366.05	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Sub-total	\$171,130.00	\$201,829.19	N/A	\$185,400.24	N/A
Total for all systems	\$2,920,343.29	\$2,151,477.50	N/A	\$1,982,040.74	N/A

Components

Actual Information Description File Nam	Actual	Information	Description	File Nam
---	--------	-------------	-------------	----------

lease and other matters for shared locations	Component Description: Amount:	Legal Services \$106.65
		·
	Component Description:	Legal Services \$106.65
	Amount:	\$100.00
	Component Description:	WQHS-DT-550-
		Attorney - Negotiate Lease and Other
	Amount:	Matters \$374.40
	Component Description: Amount:	Legal Services \$136.80
	Amount:	\$130.60
Attorney Fees -Prepare and File FCC Form 2100 (main),	Information not provided.	
License to Cover Application		
Project management of the transition	Commonweat Booksinting	Due is at Management
	Component Description:	Project Management Services
	Amount:	\$85.50
	Component Description:	Project Managemen
	Amount:	Services \$811.25
	Amount:	фотт.25
	Component Description:	Project Managemen
	Amount:	\$5,226.75
	Commonant Decorintian	Project Management
	Component Description:	i roject managemen

Services

Amount: \$219.70

Component Description: Project management

Services

Amount: \$222.30

Component Description: Project Management

Amount: \$750.00

Component Description: Project Management

Services

Amount: \$531.00

Component Description: Project management

Services

Amount: \$531.25

Component Description: Project Management

Services

Amount: \$573.00

Component Description: Project management

services

Amount: \$1,420.50

Component Description: Project Management

Amount: \$3,579.20

Component Description: K. Lahm - Project

management consultations - 6 /13&19, 7/6, 9/11, all

2018

Amount: \$187.50

Amount:

Project Management

\$495.60

Component Description:

Project Management

Services

Amount:

\$861.40

Component Description:

Amount:

Project Management

\$151.50

Component Description:

Project Management

Services

Amount:

\$428.34

Component Description:

Project Management

Services

Amount:

\$804.00

Component Description:

Project management

services

Amount: \$1,350.00

Component Description:

Amount:

Project Management

\$4,459.35

Component Description:

Project Management

Services

Amount: \$807.00

Component Description:

Project Management

Services

Amount: \$298.50

Services

Amount: \$2,473.50

Component Description: Project management

services

Amount: \$409.50

Component Description: Project management

Services

Amount: \$770.00

Component Description: Project Management

Amount: \$2,254.50

Component Description: Project management

Services

Amount: \$306.25

Component Description: Project Management

Amount: \$1,723.50

Component Description: Project Management

Services

Amount: \$105.00

Component Description: Project Management

Amount: \$3,390.75

Component Description: Project management

Services

Amount: \$697.50

Component Description: Project management

Amount: \$5,339.30

Amount:

Project management

\$617.50

Component Description:

Amount:

Project Management

\$708.00

Component Description:

Project management

Services

Amount:

\$299.00

Component Description:

Project Management

Services

Amount:

\$356.85

Component Description:

Amount:

Project Management

\$420.08

Component Description:

Amount:

Project management

\$326.25

Component Description: Pro

Project Management

Services

Amount:

\$304.50

Component Description:

Amount:

Project Management

\$3,471.40

Component Description:

Amount:

Project Management

\$3,583.45

Component Description:

Amount:

Project Management

\$4,584.65

services

Amount: \$1,998.00

Component Description: Project management

Services,

Amount: \$202.80

Component Description: Project management

services

Amount: \$1,500.00

Component Description: Project management

Services

Amount: \$272.35

Component Description: Project Management

Amount: \$6,402.80

Component Description: Project management

Services

Amount: \$451.25

Component Description: Project Management

Amount: \$456.66

Component Description: Project management

services

Amount: \$452.50

Component Description: Project management

Services

Amount: \$780.00

Amount:

Project Management

\$4,112.70

Component Description: Project Management

Services, including:

supervision

Amount: \$291.46

Component Description: Project management

Services

Amount: \$868.75

Component Description: Project Management

Services

Amount: \$357.50

Component Description: Project management

Services

Amount: \$1,416.25

Component Description: Project management

Services

Amount: \$307.50

Component Description: Project Management

Services

Amount: \$739.50

Component Description: Project Management

Services

Amount: \$538.08

Component Description: Project Management

Services

Amount: \$463.50

Services \$700.50

Amount: \$790.50

Component Description: Project Management

Services

Amount: \$949.90

Component Description: Project Management

Amount: \$2,838.80

Component Description: Project management

Services

Amount: \$341.25

Component Description: Project Management

Services

Amount: \$365.80

Component Description: Project Management

Services

Amount: \$700.50

Component Description: Project Management

Amount: \$6,388.75

Component Description: Project Management

Amount: \$391.50

Component Description: Project Management

Services

Amount: \$683.22

Component Description: Project Management

Amount: \$1,926.10

Amount:

Project Management

\$559.50

Component Description:

Amount:

Project Management

\$482.62

Component Description:

Amount:

Project management

\$356.25

Component Description:

Amount:

Project management

\$211.25

Component Description:

Amount:

Project management

\$376.25

Component Description:

Project management

Services

Amount: \$209.30

Component Description:

Project management

Services

Amount: \$341.25

Component Description:

Amount:

Project management

\$673.75

Component Description:

Project management

Services

Amount: \$414.70

Component Description:

Project management

Services

Amount: \$408.75

Amount:

Project management

\$374.40

Component Description:

Project Management

Services

Amount:

\$200.20

Component Description:

Amount:

Project Management

\$5,787.85

Component Description:

Project Management

Services

Amount:

\$190.50

Component Description:

Amount:

Project Management

\$3,255.90

Component Description:

Amount:

Project Management

\$6,433.65

Component Description:

Project management

Services

Amount:

\$903.75

Component Description:

Amount:

Project Management

\$4,873.70

Component Description:

Amount:

Project management

\$189.15

Component Description:

Project management

Services

Amount:

\$417.50

Services \$303.75

Amount: \$393.75

Component Description: Project Management

Amount: \$4,190.60

Component Description: Project management

Services

Amount: \$1,073.75

Component Description: Project Management

Amount: \$4,456.55

Component Description: Project Management

Services

Amount: \$126.00

Component Description: Project Management

Services

Amount: \$286.74

Component Description: Project Management

Amount: \$3,486.80

Component Description: Project Management

Services

Amount: \$5,205.00

Component Description: Project Management

Amount: \$4,011.65

Component Description: Project management

Services

Amount: \$78.00

services

Amount: \$244.40

Component Description: Project Management

and Repack Implementation

Engineering Services

Amount: \$450.00

Component Description: Project Management

Services

Amount: \$256.25

Component Description: Project management

Services

Amount: \$397.15

Component Description: Project management

Services

Amount: \$351.00

Component Description: Project management

services

Amount: \$877.50

Component Description: Project Management

Services

Amount: \$21.00

Component Description: Project Management

Amount: \$2,446.95

Component Description: Project Management

Services

Amount: \$490.00

Services

Amount: \$418.60

Component Description: Project management

Services

Amount: \$222.30

Component Description: Project management

Services

Amount: \$431.25

Component Description: Project Management

Services

Amount: \$282.00

Component Description: Project management

Amount: \$230.75

Component Description: K. Lahm - AC power

distribution discussion

Amount: \$100.00

Component Description: Project management

Services

Amount: \$335.00

Component Description: Project Management

Amount: \$3,661.85

Component Description: Project management

Services

Amount: \$345.00

Services

Amount: \$103.50

Component Description: Project management

Amount: \$202.80

Component Description: Invoice revisions to

meet FCC submittal

requirements

Amount: \$30.00

Component Description: Project management

Services

Amount: \$172.90

Component Description: Project Management

Amount: \$5,241.20

Component Description: Project Management

Amount: \$3,929.65

Component Description: Project Management

Services

Amount: \$330.00

Component Description: Project Management

Services

Amount: \$281.45

Component Description: Project Management

Amount: \$3,443.75

Component Description: Project Management

Amount: \$1,829.40

Amount:

Project Management

\$1,295.05

Component Description:

Amount:

Travel expenses

\$643.79

Component Description:

Project management

Services

Amount:

\$1,163.75

Component Description:

Amount:

Project Management

\$4,139.55

Component Description:

Amount:

Project Management

\$6,247.10

Component Description:

Amount:

Project management

\$333.75

Component Description:

Project Management

Services

Amount: \$139.50

Component Description:

Project management

Services

Amount: \$181.35

Component Description:

Project Management

Services

Amount: \$790.60

Component Description:

Project Management

Services

Amount: \$1,777.50

	Component Description: Amount:	Project Management Services \$706.25
	Component Description: Amount:	Project Management \$262.50
	Component Description: Amount:	Project management \$285.00
	Component Description: Amount:	Project Management Services \$590.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	WQHS-DT-530-RF Eng - Construction Permit Application (Main)
	Amount:	\$500.00
	Component Description:	preparation of antenna orientation CP mod
	Amount:	\$625.00

Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	Expense \$303.55
	Component Description:	K. Lahm - Review transmitter configuration - 7/5/2018
	Amount:	\$62.50
	Component Description:	"Engineering study work for new channel assignment and antenna development (Off-the-shelf Antenna). Preparation of the engineering portion of FCC Form 2100."
	Amount:	\$1,000.00
Prepare and or review reimbursement form	Information not provided.	

Cost Information

Other Expenses

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual C
Other Expenses	\$82,201.18	\$79,026.18		\$42,207.55	
Internal Labor	\$30,000.00	\$30,000.00	N/A	\$29,990.37	N/A
Displaced FM Station Antenna	\$1,989.00	\$1,989.00	Please see attached ERI Proposal 20180917-268	\$0.00	N/A
Develop and air announcement of upcoming channel change	<i>\$71.10</i>	\$71.10	Please see WQHS Channel Change Announcement Budget Justification Cover Letter	\$71.10	N/A
Equipment Delivery and Handling Charges	\$36.08	\$36.08	Please see WQHS-DT Equipment Delivery & Handling Budget Revision Justification Letter	\$36.08	N/A

Disposal					
Costs (for equipment and other waste, net of any salvage value)	\$36,915.00	\$36,915.00	AERC quote for dual-IOT transmitter at sister station WAMI-DT attached. WQHS obsolete transmitter and ancillary equipment removal costs are expected to be similar; Vertical Technology Services, LLC. #18174-OH (Rev1) & Invoice #5030	\$6,915.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$1,110.00	Please see WQHS-DT FCC Filing Fee-STA Budget Revision Justification Letter	\$1,110.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	Please see Estimated Cost Justification WQHS-DT- 610-FCC Filing Fee - License to Cover Application v0	\$335.00	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
аррисации		Ф7 F00 00	N/A	\$3,750.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$7,500.00		40,1 00.00	

Total for all	\$2,920,343.29	\$2,151,477.50	N/A	\$1,982,040.74	N/A
systems					

Components

Actual Information Description	File Name	
Internal Labor		
	Component Description:	Internal labor for all employees for 2018
	Amount:	\$10,444.04
	Component Description:	Internal labor for all employees for 2021
	Amount:	\$2,332.53
	Component Description:	Internal labor for all employees for 2019
	Amount:	\$13,809.28
	Component Description:	Internal labor for all employees for 2020
	Amount:	\$2,281.63
	Component Description:	Internal labor for all employees for 2017
	Amount:	\$1,122.89
Displaced FM Station Antenna	Component Description:	SHP-1AE RENTAL
	Component Description.	ON 102.1 MHz MOUNTING TBD
	Amount:	\$1,989.00
Develop and air announcement of upcoming channel change	Component Description:	Legal Services
	Amount:	\$71.10

Equipment Delivery and Handling Charges	Component Description: Amount:	FREIGHT FOR INV279683 \$36.08
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	WQHS-DT-610- Disposal Costs \$600.00
	Component Description: Amount:	WQHS-DT-610- Disposal Costs \$600.00
	Component Description: Amount:	WQHS-DT-610- Disposal Costs \$5,715.00
FCC Filing Fees - Special Temporary Authorization request	Component Description: Amount:	Minor Mod CP \$1,110.00
FCC Filing Fees - Form 2100 license to cover application	Component Description: Amount:	License to Cover \$335.00
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
DTV Medical Facility Notification	Component Description:	Medical Notification Mailing Complete per FCC Repack
	Amount:	\$3,750.00

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,920,343.29	\$2,151,477.50	\$1,982,040.74

Reimbursemer Status

Ruestion	Response
The facility has ceased operating on its pre- auction channel.	No
Construction of final facilities or all necessary modifications are complete.	No
All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Section Question Response

Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized Person signing below certifies that he/she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the abovenamed entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

Jose Franchi Franchi .

VP Finance

02/22/2021

Section Question Response

Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

- The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.
- 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 5. The above-named entity certifies that the equipment and services paid for with money from the TV **Broadcaster Relocation** Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV /TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.
- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

Jose Franchi Franchi .

VP Finance

02/22/2021

Attachments